

# Global Torsional Tuned Mass Damper (Torsional TMD) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G8B032954A28EN.html>

Date: March 2024

Pages: 107

Price: US\$ 3,480.00 (Single User License)

ID: G8B032954A28EN

## Abstracts

According to our (Global Info Research) latest study, the global Torsional Tuned Mass Damper (Torsional TMD) market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

The torsional tuned mass damper is a vibration-absorbing device that usually consists of a damper (mass block) with a large mass and springs and dampers connected to the main structure. By adjusting the mass, spring stiffness and damping characteristics of torsional TMD, structural vibration can be suppressed and controlled.

Torsional TMD can effectively reduce the resonance response of the structure, improve the stability and comfort of the structure, reduce the dynamic response of the structure when it is subjected to external excitation, and improve the stability and comfort of the structure. Torsional TMD is widely used in construction, machinery and other fields.

The Global Info Research report includes an overview of the development of the Torsional Tuned Mass Damper (Torsional TMD) industry chain, the market status of Architecture (Low Frequency, High Frequency), Machinery (Low Frequency, High Frequency), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Torsional Tuned Mass Damper (Torsional TMD).

Regionally, the report analyzes the Torsional Tuned Mass Damper (Torsional TMD) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Torsional Tuned Mass Damper (Torsional TMD)

market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Torsional Tuned Mass Damper (Torsional TMD) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Torsional Tuned Mass Damper (Torsional TMD) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Low Frequency, High Frequency).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Torsional Tuned Mass Damper (Torsional TMD) market.

**Regional Analysis:** The report involves examining the Torsional Tuned Mass Damper (Torsional TMD) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Torsional Tuned Mass Damper (Torsional TMD) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Torsional Tuned Mass Damper (Torsional TMD):

**Company Analysis:** Report covers individual Torsional Tuned Mass Damper (Torsional TMD) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Torsional Tuned Mass Damper (Torsional TMD) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Architecture, Machinery).

**Technology Analysis:** Report covers specific technologies relevant to Torsional Tuned Mass Damper (Torsional TMD). It assesses the current state, advancements, and potential future developments in Torsional Tuned Mass Damper (Torsional TMD) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Torsional Tuned Mass Damper (Torsional TMD) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Torsional Tuned Mass Damper (Torsional TMD) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Low Frequency

High Frequency

### Market segment by Application

Architecture

Machinery

Automotive

Others

#### Major players covered

DEICON

GERB

TESolution

ESM GmbH

LISEGA SE

Vibratec

Warren Environment

Mechanical Rubber Applications (AMC)

Micromega Dynamics

QuakeSafe Technologies

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Torsional Tuned Mass Damper (Torsional TMD) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Torsional Tuned Mass Damper (Torsional TMD), with price, sales, revenue and global market share of Torsional Tuned Mass Damper (Torsional TMD) from 2019 to 2024.

Chapter 3, the Torsional Tuned Mass Damper (Torsional TMD) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Torsional Tuned Mass Damper (Torsional TMD) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Torsional Tuned Mass Damper (Torsional TMD) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Torsional Tuned Mass Damper (Torsional TMD).

Chapter 14 and 15, to describe Torsional Tuned Mass Damper (Torsional TMD) sales channel, distributors, customers, research findings and conclusion.

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